

How Biomass Can Help You Save Money

Energy conservation through the use of biomass as an alternative energy source has been the focus of the Biomass Energy Program for more than a decade. Wood-industry participants have been able to reduce production costs by using waste such as wood chips, sawdust and bark in new or converted wood-fired combustion systems.

Biomass energy production also helps to reduce the volume of waste in the waste stream and fosters cleaner combustion and lower emissions, while saving Alabama businesses over \$10 million annually in avoided energy costs and the cost of waste disposal. All of these help to make biomass energy an attractive alternative.

The Biomass Energy Program has assisted over 35 projects using wood waste as the primary fuel for generating process heat, process steam, and/or electric power. Over \$1.5 million has been invested by ADECA to support the installation of new equipment or to convert existing equipment to burn wood waste.

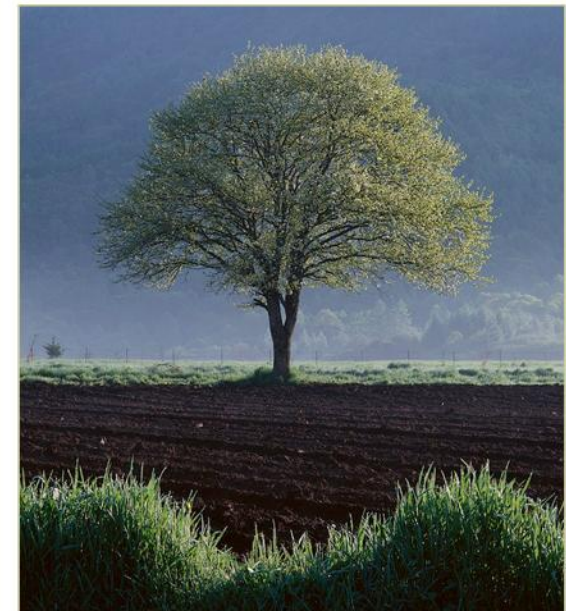


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BIOMASS ENERGY PROGRAM

*How Your Company Can Use
Renewable Energy to Save Money*



BIOMASS: *Alabama's Renewable Energy Resource*

The Alabama Department of Economic and Community Affairs – Energy, Weatherization and Technology Division (ADECA-EWT) sponsors the Biomass Energy Program to assist businesses in installing biomass systems. This program is open to any industry participant in Alabama who is utilizing a biomass fuel source as a replacement for traditional fossil fuels, including waste wood, switchgrass, and landfill gas.

ADECA encourages industrial, commercial and institutional facilities, agricultural property owners, and city, county, and state entities to take advantage of the opportunity to reduce their operating costs by utilizing biomass resources. Program participants can receive up to \$75,000 in interest subsidy payments to help defray the interest expense on loans to install approved biomass projects. Technical assistance and feasibility studies may also be provided through the program.



Biomass energy represents 4% of total energy production in Alabama.

ADECA-EWT is committed to providing leadership and assistance to the citizens and organizations of the state of Alabama through the management and development of energy programs promoting energy efficiency and renewable energy.

Biomass resources could potentially be grown in nearly every region of the country, but the Southeast is considered a leading region for commercial biomass resource development.

BIOMASS FUEL TYPES

This program is not restricted to members of the forest products industry and does not require that program participants burn their own wood waste. You are eligible to apply if your potential project utilizes any of the following fuel sources:

- Mill Residues
- Forest Residues
- Agricultural Crops, Residues and Wastes
- Energy Crops

Over time the focus of the program has shifted to include not only waste wood but also switchgrass and municipal solid waste (MSW). Landfill gas is also being considered as a potential source of energy for industrial use as well as others.

PARTICIPATION

The Biomass Energy Program is currently accepting applications from entities that would like to participate in the program. If your company is planning to install or retrofit equipment that uses biomass or landfill gas as a fuel source, you may be eligible for assistance. For more information and an application, please contact :



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